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**From:** Bramble, Sandra [Bramble.Sandra@epa.gov]  
**Sent:** 6/16/2021 12:20:25 PM  
**To:** Famble, Alayna [famble.alayna@epa.gov]; Cole, Robert [colerb@dhec.sc.gov]  
**Subject:** Lake Conestee - Comparison to Background

Hi Alayna and Robert,

I discussed Lake Conestee with Shanna and we are in agreement that collection of samples all the way up the Reedy River was not needed because the samples in the lower Reedy River upstream of Lake Conestee will take into account releases from further upstream locations. As a result, my suggestions to document releases to the site (historical footprint of Lake Conestee) are below.

- Use samples LCP-235 to LCP-239 as the background/control samples for comparison to the site (historical footprint of Lake Conestee). You can determine the highest concentrations for all contaminants and compare the downstream samples to three times that number (or above the background MRL, as appropriate).
- Samples LCP-234 to LCP-201 (or whichever one is farthest upstream) can be used in the discussion about water quality and possible upstream sources of contamination. These samples shouldn't be used for background or control because the five samples mentioned in the first bullet above, account for releases from these locations.
- Also, the samples collected immediately adjacent to the former manufactured gas plant (MGP) are not representative background samples; they represent releases in the immediate vicinity of the MGP. These samples dilute possible releases at the site (within the historical footprint of Lake Conestee).
- The sediment samples collected within the historical footprint of Lake Conestee can be used as source and release/target samples. However, these samples should not be used as background samples to document possible releases in the Lower Reedy River downstream of the Lake Conestee Dam.
- The Lower Reedy River samples collected downstream of the Lake Conestee Dam should be compared to the five background samples mentioned in the first bullet (LCP-235 to LCP-239).
- The text of the report and the Quickscore will need to be updated accordingly.

I hope this helps.

**Sandra Bramble, Remedial Project Manager**

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